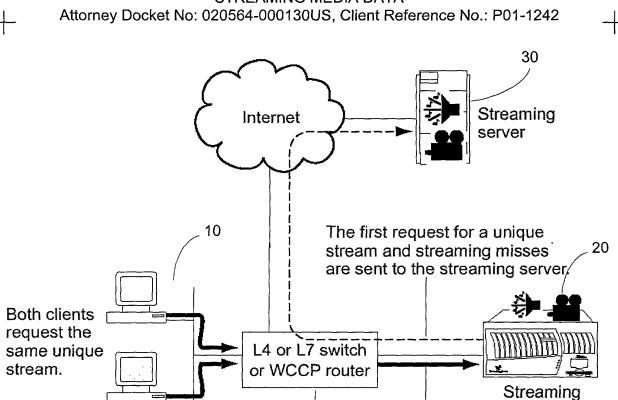
Jason Lango, et al. METHODS AND APPARATUS FOR PACING DELIVERY OF STREAMING MEDIA DATA



20

MMS (port 1755), RTSP (port 554), and

HTTP (port 80) traffic

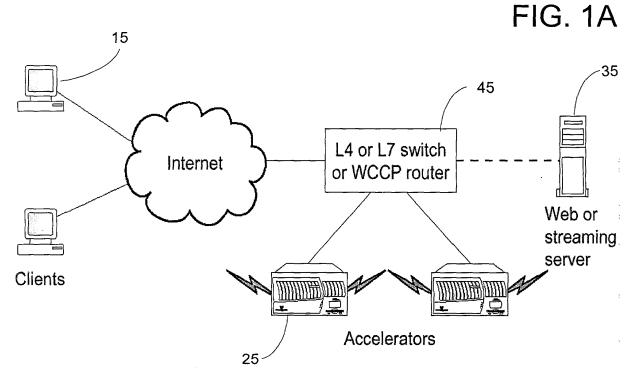
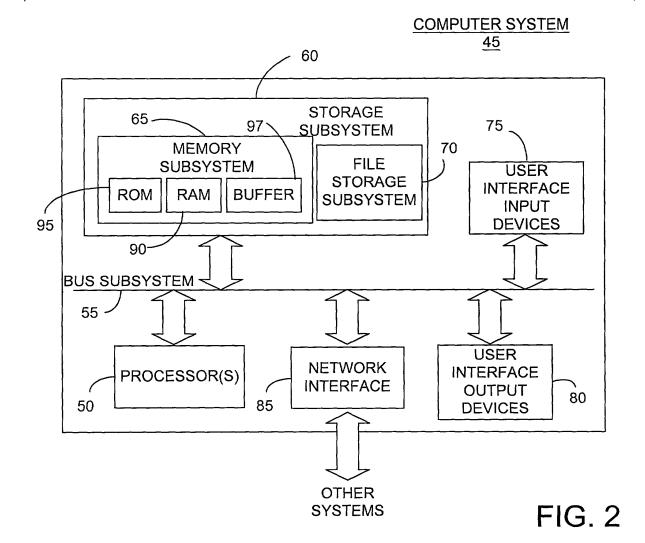


FIG. 1B

media cache



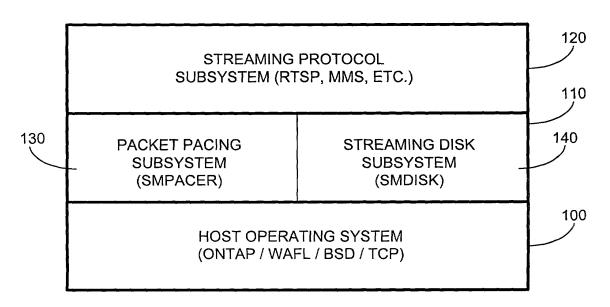


FIG. 3

Attorney Docket No: 020564-000130US, Client Reference No.: P01-1242

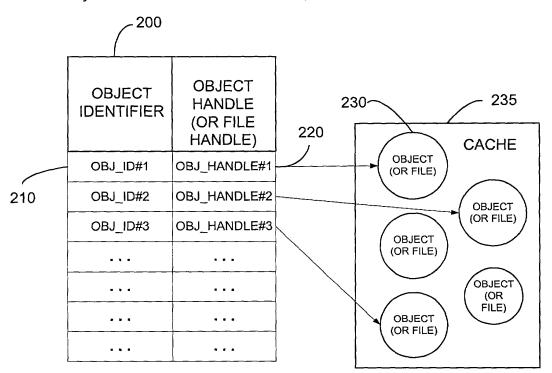


FIG. 4A

DATA FORMAT HIERARCHY

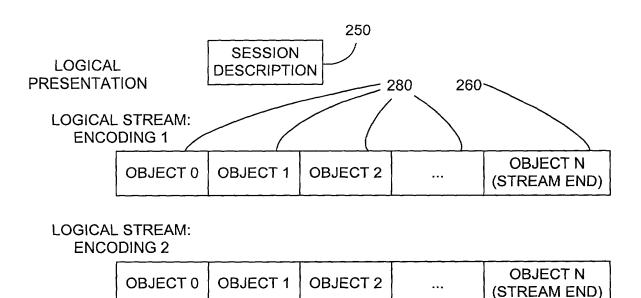


FIG. 4B

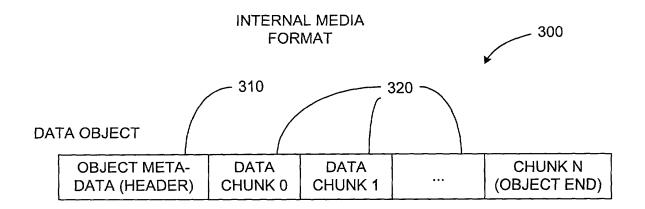


FIG. 4C

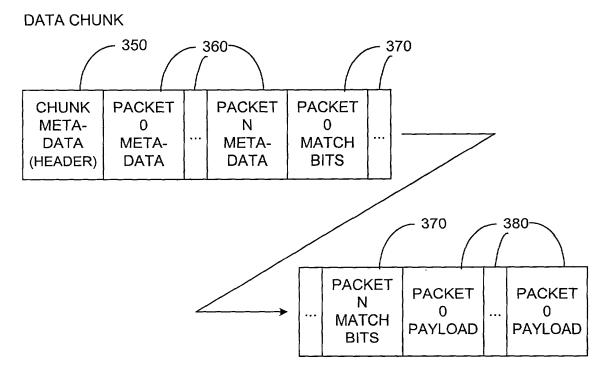


FIG. 4D

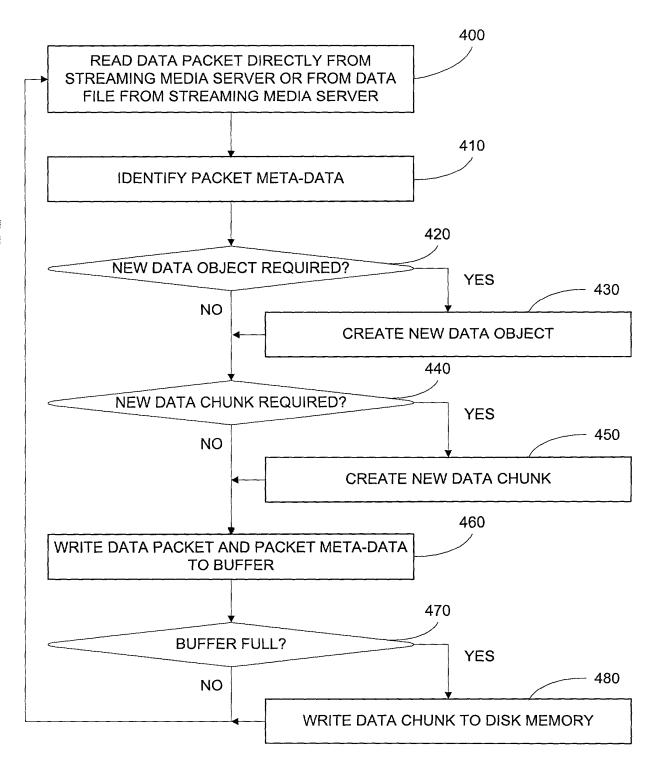


FIG. 5

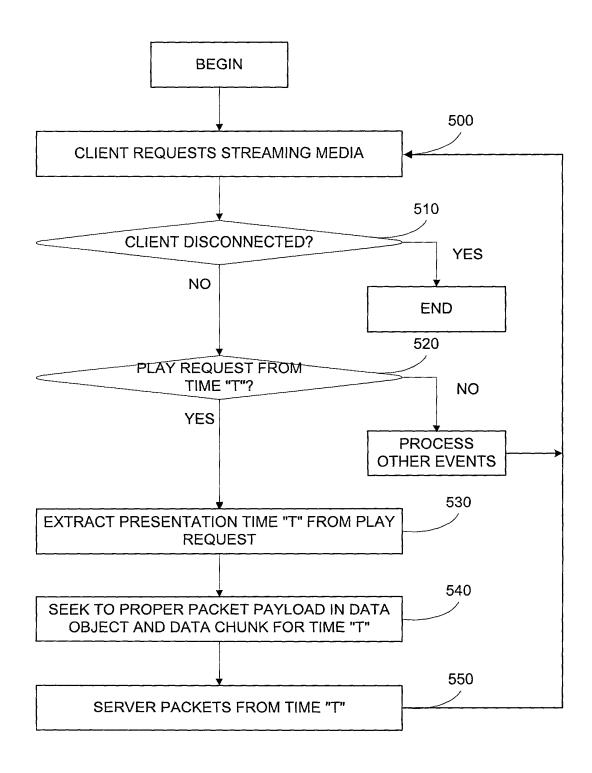


FIG. 6

Attorney Docket No: 020564-000130US, Client Reference No.: P01-1242 END 690 YES NO END OF BEGIN STREAM? 600 LOCATE OBJECT FILE FOR OBJECT ASSOCIATED WITH PRESENTATION TIME "T" 610 READ OBJECT META DATA 680 YES NO END OF OBJECT? 620 READ CHUNK META DATA AND LOCATE DATA CHUNK ASSOCIATED WITH PRESENTATION TIME "T" 670 YES NO END OF CHUNK? 630 READ PACKET META DATA, LOCATE PACKET PAYLOAD ASSOCIATED WITH PRESENTATION TIME "T" AND READ PACKET PAYLOAD DATA 640 COMBINE PACKET META-DATA WITH PAYLOAD

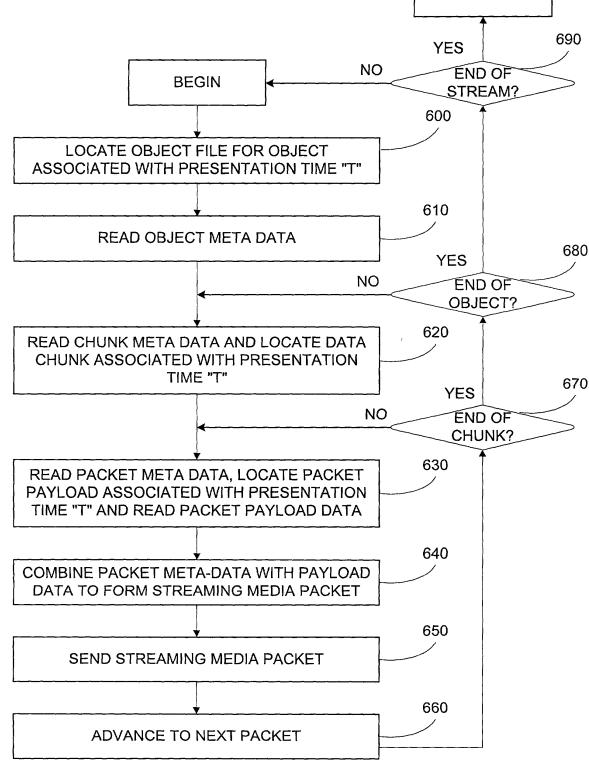


FIG. 7

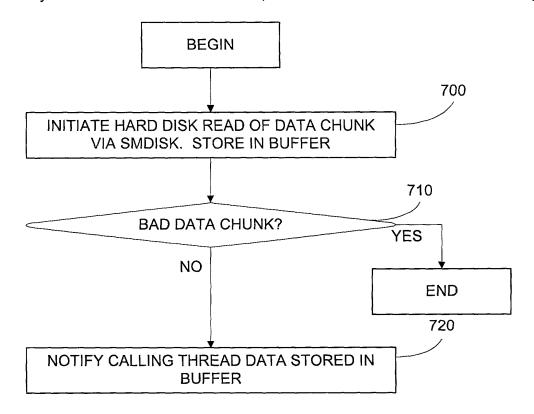
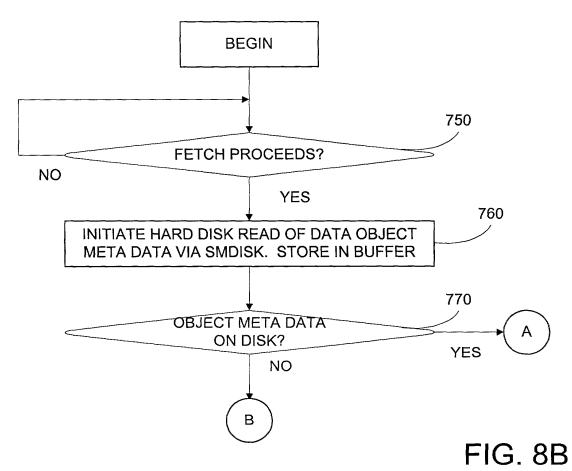


FIG. 8A



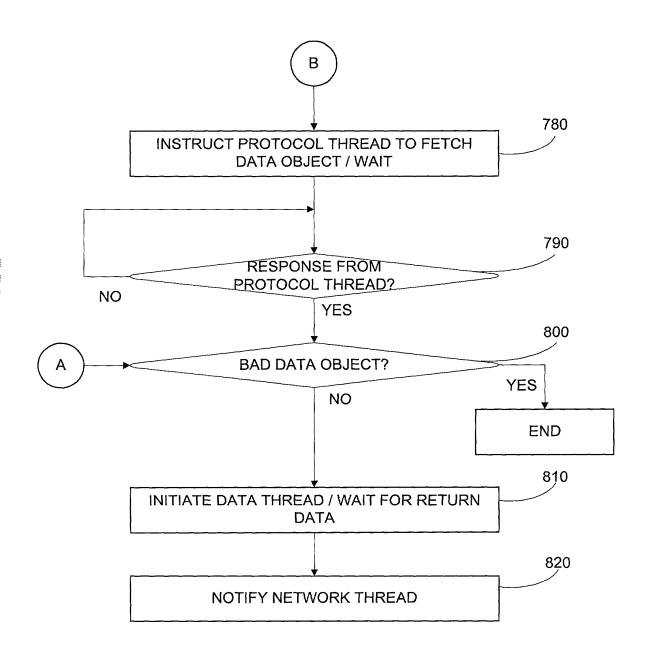


FIG. 8C

Attorney Docket No: 020564-000130US, Client Reference No.: P01-1242

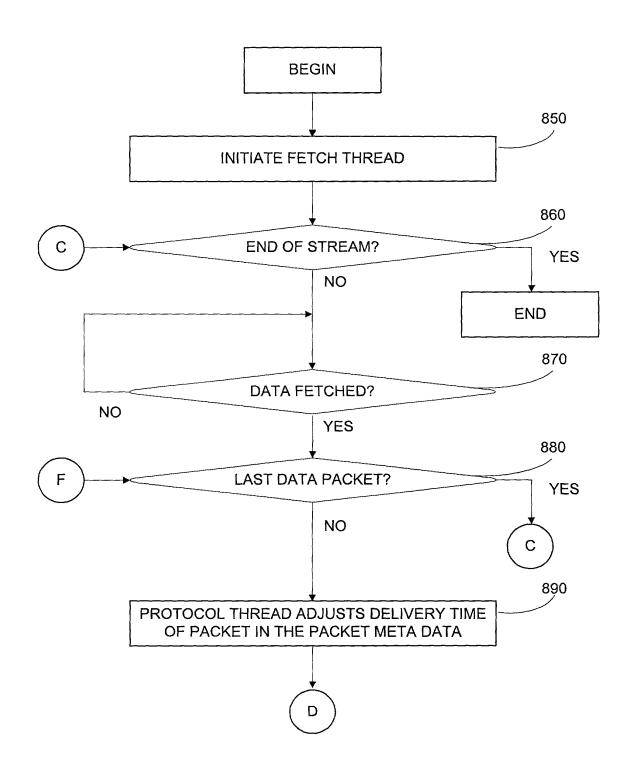


FIG. 8D

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Attorney Docket No: 020564-000130US, Client Reference No.: P01-1242

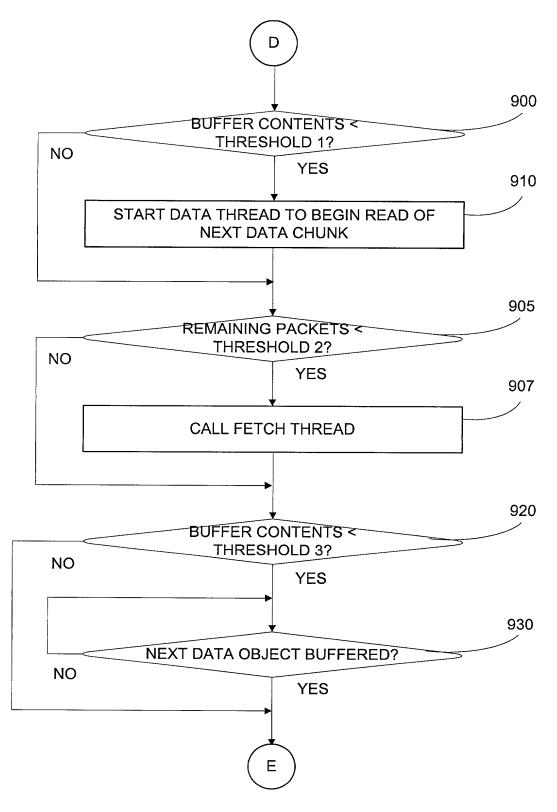


FIG. 8E

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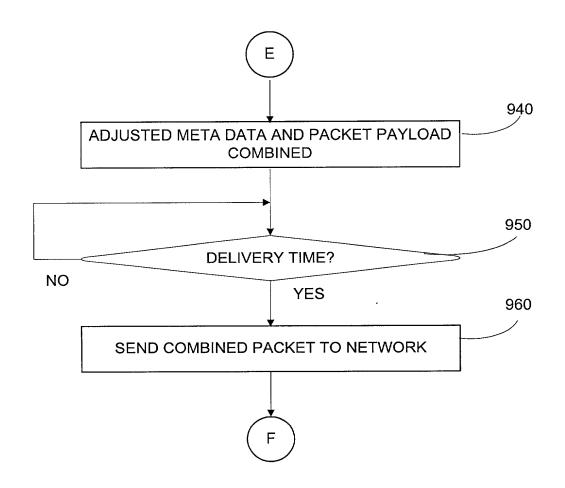


FIG. 8F

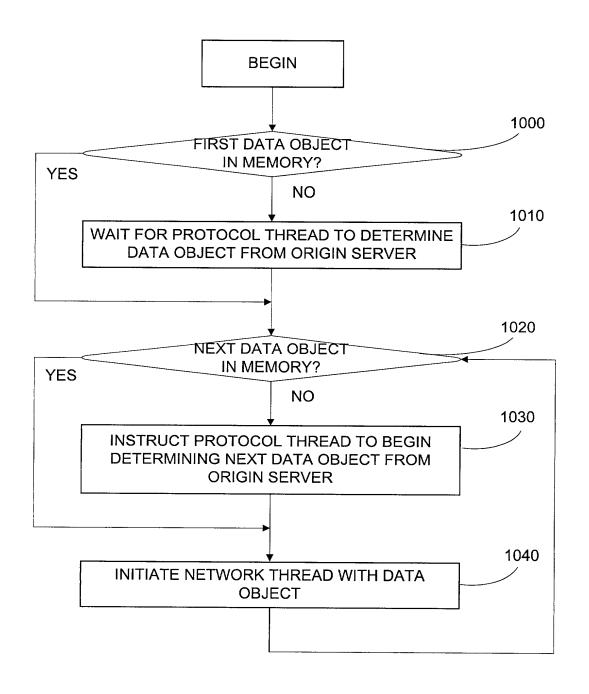


FIG. 8G